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(54) Title: HIGHLY STEREOREGULAR POLYPROPYLENE WITH IMPROVED PROPERTIES

$$\overline{M}_w / \overline{M}_n \quad (a)$$

$$\overline{M}_z / \overline{M}_w \quad (b)$$

(57) Abstract: Propylene polymers having a content of isotactic pentads (mmmm) higher than 97%, molecular weight distribution, expressed by the formula (a) ratio, equal to or higher than 6 and a value of formula (b) ratio equal to or lower than 5.5. The said polymers are prepared in the presence of a particular combination of Ziegler-Natta solid catalyst components and highly stereoregulating electron-donor compounds. Laminated articles, in particular bi-axially oriented films and sheets, can be prepared with the said polymers.

## INTERNATIONAL SEARCH REPORT

International Application No

/EP 03/08491

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08F4/651 C08F110/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 30998 A (BALBONTIN GIULIO ;MORINI GIAMPIERO (IT); BASELL TECHNOLOGY COMPANY) 18 April 2002 (2002-04-18) page 15; examples 3,4; table 2	1-14
X	WO 00 63261 A (BALBONTIN GIULIO ;MORINI GIAMPIERO (IT); MONTELL TECHNOLOGY COMPAN) 26 October 2000 (2000-10-26) page 19 examples 10,11,17-21,23; table 1 examples 31,33,34 example 40 examples 43,45 claims 1,6,8,9,10,11,12,15,16,19,25,37,38-40 --- -/--	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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\* & \* document member of the same patent family

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	table 1	8-14
T	----- WO 2003 055831 A (BASELL POLIOLEFINE ITALIA S.P.A., ITALY) 10 July 2003 (2003-07-10) page 2 -page 3 example 1 -----	8,9

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